## The Claims

1.      (Currently Amended) A method of generating keys for object(s) in a Web Services arrangement, comprising:

storing, by a computer system, at least one object based on at least one of a plurality of Universal Description, Discovery and Integration (UDDI) objects as an entry in a directory, the directory comprising a hierarchical organization of a plurality of entries, each of the plurality of entries having a plurality of attributes;

determining, by the computer system, if the at least one object has a defined first key;

if the at least one object does not have a defined first ~~key,~~ key:

determining, by the computer system, whether the at least one object is to be stored in the directory in a particular order in relation to other objects having an identical hierarchical level as the at least one object;

generating, by the computer system, a second key that is monotonically increasing if it is determined that the at least one object is to be stored in the directory in the particular order, and if it is not determined that the at least one object is to be stored in the directory in the particular order, then generating, by the computer system, a second key using a UUID (Universally Unique Identified) algorithm; and

providing, by the computer system, [[a]] the second key for the at least one object as the naming attribute for the entry corresponding to the at least one object in the directory, the second key uniquely identifying the entry in the directory. ~~directory, wherein the second key provided is monotonically increasing.~~

2.      (Cancelled)

3.      (Original) The method as recited in claim 1, wherein each key is unique.

4.      (Cancelled)

5.      (Previously Presented) The method as recited in claim 1, wherein each object of the plurality of UDDI objects has at least one of a defined key and a second key.

6.     (Currently Amended) A computer recording medium including computer executable code for generating keys for object(s) in a Web Services arrangement, comprising:

code for storing at least one object based on at least one of a plurality of Universal Description, Discovery and Integration (UDDI) objects as an entry in a directory, the directory comprising a hierarchical organization of a plurality of entries, each of the plurality of entries having a plurality of attributes;

code for determining if the at least one object has a defined first key;

code for, if the at least one object has a defined first key, providing that defined first key for the object as a naming attribute for the entry corresponding to the at least one object in the directory, the defined first key uniquely identifying the entry in the directory; and

code for, if the at least one object does not have a defined first ~~key,~~ key:

determining whether the at least one object is to be stored in the directory in a particular order in relation to other objects having an identical hierarchical level as the at least one object;

generating a second key that is monotonically increasing if it is determined that the at least one object is to be stored in the directory in the particular order, and if it is not determined that the at least one object is to be stored in the directory in the particular order, then generating a second key using a UUID (Universally Unique Identified) algorithm; and

providing [[a]] the second key for the at least one object as the naming attribute for the entry corresponding to the at least one object in the directory, the second key uniquely identifying the entry in the directory. ~~directory, wherein the second key provided is monotonically increasing.~~

7.     (Cancelled)

8.     (Original) The computer recording medium as recited in claim 6, wherein each key is unique.

9.     (Cancelled)

10.    (Previously Presented) The computer recording medium as recited in claim 6, wherein each object of the plurality of UDDI objects has at least one of a defined key and a second key.

11.    (Previously Presented) The method as recited in claim 1, wherein the plurality of UDDI objects comprises a Business Entity object, a Business Service Object, a Binding Template Object, a Publisher Assertion Object, and a TModel object.

12.    (Previously Presented) The computer recording medium as recited in claim 6, wherein the plurality of UDDI objects comprises a Business Entity object, a Business Service Object, a Binding Template Object, a Publisher Assertion Object, and a TModel object.

13.    (New) The method as recited in claim 1, wherein the second key generated using the UUID algorithm varies in a little-endian manner.

14.    (New) The computer recording medium as recited in claim 6, wherein the second key generated using the UUID algorithm varies in a little-endian manner.